

Claim Amendments:

Following is a complete listing of the claims pending in the application, as amended:

1-9. (Cancelled)

10. (Currently amended) In a computing system, a navigational interface for inputting text and control information into the computing system, the navigational interface comprising:

an input pointer generating a selection stroke when operated by the user, the selection stroke indicative of a request to enter text or to perform a task in the computing system;

a sensor pattern device radially divided into a plurality of sensory portions, the sensor pattern device detecting the selection stroke and identifying at least one selected sensory portion included in the selection stroke; and

a first information element associated with a task to be performed in the computing system and referenced by one of the plurality of sensory portions;

a second information element associated with text to be entered in the computing system and referenced by one of the plurality of sensory portions; and

at least one selected sensory portion selected by the selection stroke, whereby information entering text in the computing system and requesting performance of a particular task by the computing system is input by the selection stroke; and

an interface interpretation module recognizing the selection stroke on the sensor pattern and entering the text or performing the task associated with the selected information element; and

wherein the sensor pattern comprises:

a central sensory portion forming a single sensory portion;

a petals sensory portion angularly divided into sensory petals distributed about the central sensory portion, each sensory petal forming a single sensory portion; and

an outer sensory portion associated with the sensory petals so that
circumferential parts of the outer sensory portion are associated
with individual sensory petals; and
wherein the selection stroke begins at a sensory petal and continues to at least
one other sensory portion of the sensor pattern whereby the information
input into the computing system is task information controlling operations
in an application installed on the computing system; and
~~The navigational interface of claim 8~~ wherein the other sensory portion is the
 central sensory portion whereby the information input into the computing
 system is a drag task executing an operation of the application.

11. (Currently amended) In a computing system, a navigational interface for
inputting text and control information into the computing system, the navigational
interface comprising:

an input pointer generating a selection stroke when operated by the user, the
selection stroke indicative of a request to enter text or to perform a task in
the computing system;
a sensor pattern device radially divided into a plurality of sensory portions, the
sensor pattern device detecting the selection stroke and identifying at
least one selected sensory portion included in the selection stroke; and
a first information element associated with a task to be performed in the
computing system and referenced by one of the plurality of sensory
portions;
a second information element associated with text to be entered in the computing
system and referenced by one of the plurality of sensory portions; and
at least one selected sensory portion selected by the selection stroke, whereby
information entering text in the computing system and requesting
performance of a particular task by the computing system is input by the
selection stroke; and
an interface interpretation module recognizing the selection stroke on the sensor
pattern and entering the text or performing the task associated with the
selected information element; and

wherein the sensor pattern comprises:

a central sensory portion forming a single sensory portion;

a petals sensory portion angularly divided into sensory petals distributed about the central sensory portion, each sensory petal forming a single sensory portion; and

an outer sensory portion associated with the sensory petals so that circumferential parts of the outer sensory portion are associated with individual sensory petals; and

~~The navigational interface according to claim 3 wherein the interface interpretation module comprises:~~

~~a text-operating module activated when the selection stroke is initiated in the central sensory portion; and~~

~~a control-operating module activated when the selection stroke is initiated on a sensory portion other than the central sensory portion.~~

12. (Currently amended) In a computing system, a navigational interface for inputting text and control information into the computing system, the navigational interface comprising:

an input pointer generating a selection stroke when operated by the user, the selection stroke indicative of a request to enter text or to perform a task in the computing system;

a sensor pattern device radially divided into a plurality of sensory portions, the sensor pattern device detecting the selection stroke and identifying at least one selected sensory portion included in the selection stroke; and

a first information element associated with a task to be performed in the computing system and referenced by one of the plurality of sensory portions;

a second information element associated with text to be entered in the computing system and referenced by one of the plurality of sensory portions; and

at least one selected sensory portion selected by the selection stroke, whereby information entering text in the computing system and requesting

performance of a particular task by the computing system is input by the selection stroke; and
an interface interpretation module recognizing the selection stroke on the sensor pattern and entering the text or performing the task associated with the selected information element; and
wherein the sensor pattern comprises:
a central sensory portion forming a single sensory portion;
a petals sensory portion angularly divided into sensory petals distributed about the central sensory portion, each sensory petal forming a single sensory portion; and
an outer sensory portion associated with the sensory petals so that circumferential parts of the outer sensory portion are associated with individual sensory petals; and
wherein the selection stroke begins at a sensory petal and continues to at least one other sensory portion of the sensor pattern whereby the information input into the computing system is task information controlling operations in an application installed on the computing system; and
~~The navigational interface according to claim 8 wherein the selection stroke begins at a sensory portion other than the outer sensory portion and continues to the outer sensory portion whereby the information input into the computing system is a cancel task initializing the plurality of information elements to an immediate previous instance.~~

13. (Currently amended) The navigational interface according to claim 3-12 wherein the sensor pattern device is a touchpad having a surface and the selection stroke comprises:

a press on a first selected sensory portion on the surface of the touchpad;
a slide from the first selected sensory portion to at least one other selected sensory portion; and
a lift from the surface of the touchpad whereby the selection stroke is indicative of a touch, slide, and lift, and the selection stroke includes at least two

selected sensory portions, begins at the first selected sensory portion, and ends at the other selected sensory portion.

14. (Currently amended) The navigational interface according to claim 3-12 wherein the sensor pattern device is a touchpad having a surface and the selection stroke comprises:

a press on a selected sensory portion on the surface of the touchpad; and
a lift from the surface of the touchpad at the same selected sensory portion
whereby the selection stroke is indicative of a touch and lift at one selected sensory portion.

15. (Currently amended) The navigational interface according to claim 3-12 wherein the input pointer is a mouse having at least one button for press and lift and the sensor pattern device is a display device.

16-23. (Cancelled)

24. (Currently amended) In a computing system having a display, an operating system, and a graphical user interface, a navigational interface for inputting text elements and control elements into the computing system, the navigational interface comprising:

a sensor pattern radially divided into a central sensory portion, a petals sensory portion and an outer circumferential portion; the central sensory portion forming a single sensory portion; the petals sensory portion angularly divided into sensory petals distributed about the central sensory portion, each sensory petal forming a single sensory portion; the outer circumferential portion angularly divided into outer sensory segments;
the display associated with the sensor pattern and radially divided into a central display portion, a petals display portion and an outer circumferential display portion; the central display portion corresponding to the central sensory portion; the petals display portion angularly divided into display petals distributed about the central display portion, each display petal

corresponding to a sensory petal; the outer circumferential display portion divided into outer display segments, each outer display segment corresponding to an outer sensory segment;
the text elements and control elements being associated with the central sensory portion, the sensory petals and the outer sensory segments, individually and in a plurality of combinations of the same; and
text elements and control elements being selected through a selection stroke applied to one or more of the central sensory portion, the sensory petals and the outer sensory segments whereby text elements and control elements are input into the computing system; and
wherein the selection stroke is a press and lift at the same outer sensory segment whereby the control element activates an application installed on the computing system; and
wherein the control stroke begins at a sensory petal and continues to at least one other sensory portion of the sensor pattern whereby the control element selected activates performance of a control operation task controlling operations in an activated application; and
~~The navigational interface of claim 22 wherein the other sensory portion is the central sensory portion and the control element selected executes an operation of the application.~~

25-32. (Cancelled)

33. (Currently amended) In a computing system, a method for controlling operations of the computing system and inputting text into various applications installed on the computing system through a navigational interface having an input device and radially arranged sensory portions, the method comprising the operations of
receiving a selection stroke identifying a user request and generated from the input device, the selection stroke representing a task to be performed in the computing system the selection stroke

~~The method according to claim 25 further comprising:~~

beginning the selection stroke on a sensory petal of a petal sensory portion of a sensor pattern of the navigational interface;
continuing the selection stroke to a central sensory portion of the sensor pattern; and
terminating the selection stroke at the central sensory portion whereby the task performed is performance of an operation in an application installed on the computing system; and
executing the task whereby control operation and textual input is applied once the selection stroke is received on at least one of the radially arranged sensory portions.

34. (Currently amended) In a computing system, a method for controlling operations of the computing system and inputting text into various applications installed on the computing system through a navigational interface having an input device and radially arranged sensory portions, the method comprising the operations of receiving a selection stroke identifying a user request and generated from the input device, the selection stroke representing a task to be performed in the computing system the selection stroke

~~The method according to claim 25 further comprising:~~

beginning the selection stroke on a sensory portion of a sensor pattern of the navigational interface; and
continuing the selection stroke to an outer sensory portion of the sensor pattern whereby the task performed is cancellation of the task associated with the user request; and
executing the task whereby control operation and textual input is applied once the selection stroke is received on at least one of the radially arranged sensory portions.

35-40. (Cancelled)

41. (Currently amended) In a computing system having a display and an operating system, a method for controlling operations in the computing system and

inputting text into various applications installed on the computing system through a navigational interface having an input device, a navigational display presented on the display, and an interface interpretation module, the method comprising:

detecting a selection stroke at the input device, the selection stroke requesting performance of a particular task in the computing system;

dividing a sensory portion into a plurality of sensory portions including a central sensory portion, a plurality of sensory petals, and an outer sensory portion, each sensory portion representing an information element associated with a task to be performed in the computing system;

interpreting the selection of at least one information element from a selection stroke on at least one sensory portion; and

executing an instruction, based on one or more information elements interpreted by the act of interpreting, to perform the particular task in the computing system whereby control operation and textual input are applied to the computing system; and

~~The method according to claim 35 wherein the selection stroke:~~

~~begins on a sensory petal;~~

~~continues to the central sensory portion; and~~

~~terminates at the central sensory portion whereby the task performed is a drag-in task performing a control operation in the computing system.~~

42. (Currently amended) In a computing system having a display and an operating system, a method for controlling operations in the computing system and inputting text into various applications installed on the computing system through a navigational interface having an input device, a navigational display presented on the display, and an interface interpretation module, the method comprising the steps of:

detecting a selection stroke at the input device, the selection stroke requesting performance of a particular task in the computing system;

dividing a sensory portion into a plurality of sensory portions including a central sensory portion, a plurality of sensory petals, and an outer sensory

portion, each sensory portion representing an information element associated with a task to be performed in the computing system;
interpreting the selection of at least one information element from a selection stroke on at least one sensory portion; and
executing an instruction, based on one or more information elements interpreted by the act of interpreting, to perform the particular task in the computing system whereby control operation and textual input are applied to the computing system; and
~~The method according to claim 35~~ wherein the selection stroke:
begins on a sensory portion; and
continues to the outer sensory portion whereby the task performed is cancellation of the task identified in the selection stroke.

43-50. (Cancelled)

51. (Currently amended) A computer program product readable by a computing system and encoding a computer program of instructions for executing a computer process for controlling operations of the computing system and inputting text into various applications installed on the computing system through a navigational interface having an input device and a radially divided sensor pattern, said computer process comprising:

receiving a selection stroke identifying a user request and generated from the input device, the selection stroke representing a task to be performed in the computing system; and
executing the task whereby control operation and textual input is applied once the selection stroke is received; and

~~The computer process in the computer program product of claim 43~~ wherein the computer process for controlling operations of the computing system and inputting text into various applications installed on the computing system further comprises:

beginning the selection stroke on a sensory petal of a petal sensory portion of a sensor pattern of the navigational interface;

continuing the selection stroke to a central sensory portion of the sensor pattern; and
terminating the selection stroke at the central sensory portion whereby the task performed is performance of an operation in an application installed on the computing system.

52. (Currently amended) A computer program product readable by a computing system and encoding a computer program of instructions for executing a computer process for controlling operations of the computing system and inputting text into various applications installed on the computing system through a navigational interface having an input device and a radially divided sensor pattern, said computer process comprising:

receiving a selection stroke identifying a user request and generated from the input device, the selection stroke representing a task to be performed in the computing system; and
executing the task whereby control operation and textual input is applied once the selection stroke is received; and

~~The computer process in the computer program product of claim 43 wherein the~~
computer process for controlling operations of the computing system and
inputting text into various applications installed on the computing system
further comprises:

beginning the selection stroke on a sensory portion of a sensor pattern of the navigational interface; and
continuing the selection stroke to an outer sensory portion of the sensor pattern whereby the task performed is cancellation of the task associated with the user request.